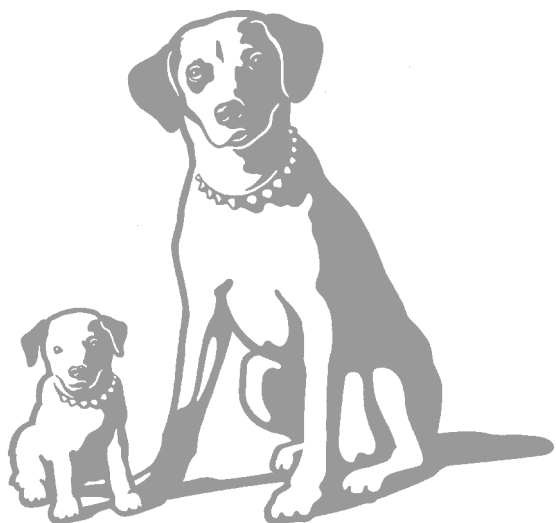


USER'S GUIDE

RP-7987



Real

PORTABLE STEREO SYSTEM

IMPORTANT INFORMATION REQUIRED BY FEDERAL COMMUNICATIONS COMMISSION CONCERNING RADIO FREQUENCY INTERFERENCE

This device generates and uses radio frequency (RF) energy, and if not installed and used properly, this equipment may cause interference to radio and television reception.

This equipment has been type tested and found to comply with the limits for a Class B Computing Device in accordance with the specifications in Subpart J of Part 15 of FCC Rules. These rules are designed to provide reasonable protection against radio and television interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

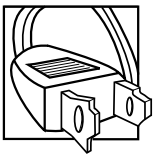
If this equipment does cause interference to radio or television reception (which you can determine by turning the equipment off and on), try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna (that is, the antenna for the radio or television that is "receiving" the interference).
- Move the unit away from the equipment that is receiving interference.
- Plug the unit into a different wall outlet so that the unit and the equipment receiving interference are on different branch circuits.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. Please specify stock number 004-000-00345-4 when ordering copies

PRECAUTIONS

- **Never open the cabinet** under any circumstances. Never operate this product with the cabinet removed. Any repairs or internal adjustments should be made only by a trained service technician.
- **Do not touch the player with wet hands.** If any liquid enters the player cabinet, take the player to a trained service technician for inspection.
- **This Compact Disc Player uses a laser** to read the music on the disc. The laser mechanism corresponds to the cartridge and stylus of a traditional record player. Although this product incorporates a laser pick-up lens, it is completely safe when operated according to directions.



FOR YOUR SAFETY

The AC power plug is polarized (one blade is wider than the other) and only fits into AC power outlets one way. If the plug won't go into the outlet completely, turn the plug over and try to insert it the other way. If it still won't fit, contact a qualified electrician to change the outlet, or use a different one. **Do not attempt to bypass this safety feature.**

IMPORTANT BATTERY INFORMATION

- If you're not going to use your player for a month or more, be sure to remove batteries because they can leak and damage the unit.
- Dispose of batteries in the proper manner, according to federal, state, and local regulations.
- Any battery may leak electrolyte if mixed with a different battery type, if inserted incorrectly, if all batteries are not replaced at the same time, if disposed of in fire, or if an attempt is made to charge a battery not intended to be recharged.
- Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury.

SERVICE INFORMATION

This product should be serviced only by those specially trained in appropriate servicing techniques.

FOR YOUR RECORDS

In the event that service should be required, you may need both the Model number and the serial number. In the space below, record the date and place of purchase, and the serial number:

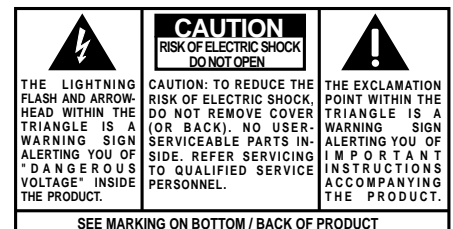
Model No. RP-7987

Date of Purchase _____

Place of Purchase _____

Serial No. _____

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.



WHERE TO START

Owning an RCA portable stereo system is like having a component stereo that you can take with you just about anywhere, giving you flexibility and convenience (not to mention great sound).

LOOKING FOR A GOOD READ?

You won't find this instruction book on the best seller list, but it does contain a lot of information that you should know before using your portable stereo.

I know that you want to *use* your stereo, not *read about it*, but you really should read the section, "First Things First," to make sure you get it hooked up correctly; then, as you have time, you can read about all of the great features of this stereo.

DON'T FORGET THE NOTES

Don't forget to read the notes in the margins too. They give you extra information that can help you get the most from your stereo. If you have any questions, be sure to check the Troubleshooting Tips section, the Index, or the Table of Contents to help you find the answer.

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FIRST THINGS FIRST

Before you start, you need to know a couple of things.

POWERING UP

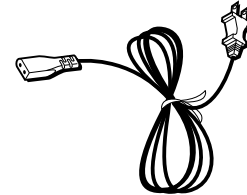
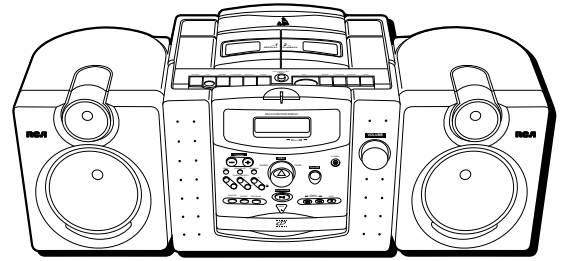
This portable stereo operates on battery or AC power.

BATTERY POWER

Insert 8 D-sized alkaline batteries into the Battery Compartment as shown the back of the main unit, and you can take your stereo just about anywhere.

AC POWER

Plug the power supply cord into the AC power jack on the back of the unit, and into an AC power outlet that accepts the polarized plug (one blade wider than the other).

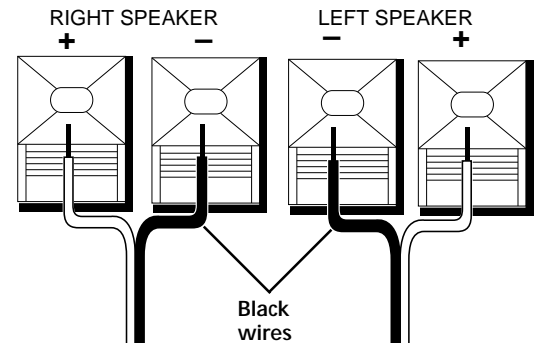


AC power supply cord

SPEAKER HOOKUP

For each speaker:

1. Press down on the tab to open the red terminal, and insert the red wire (+) into the terminal.
2. Press down on the tab to open the black terminal, and insert the black wire (-) into the terminal.



DETACHING THE SPEAKERS

1. Unplug the speaker wires from the unit.
2. Press on the tab securing the speaker to the base unit, and then slide the speaker up until it comes off of the unit.
3. Reattach the speaker wires as described in "Speaker Hookup."

HEADPHONES

To listen to your stereo with headphones (not included), use the 3.5 mm PHONES jack on the front of the unit.

ANTENNAS

The AM antenna is built in, so adjusting the position of the unit may help AM reception.

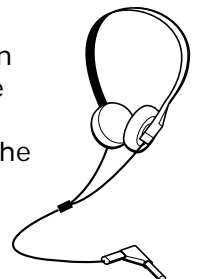
The FM whip antenna on the back of the unit can be extended and rotated for better FM reception.

WARNING:

Be sure to follow the speaker hookup instructions carefully; the system can be damaged if speakers are improperly connected.

Have a Blast—Just Not on Your Eardrums

Make sure that you turn down the stereo before you put on the headphones; then increase the volume to the desired level after they are in place.



GENERAL CONTROLS

You’ve chosen a power source and hooked up the speakers. Now you need to know about the buttons and controls that are common to all components of the stereo: the radio, tape decks, and the CD player.

POWER BUTTON

Press the POWER button to turn on the unit. The LCD lights and the system begins operating from the last sound source used—the radio, the tape deck, or the CD player.

FUNCTION CONTROL

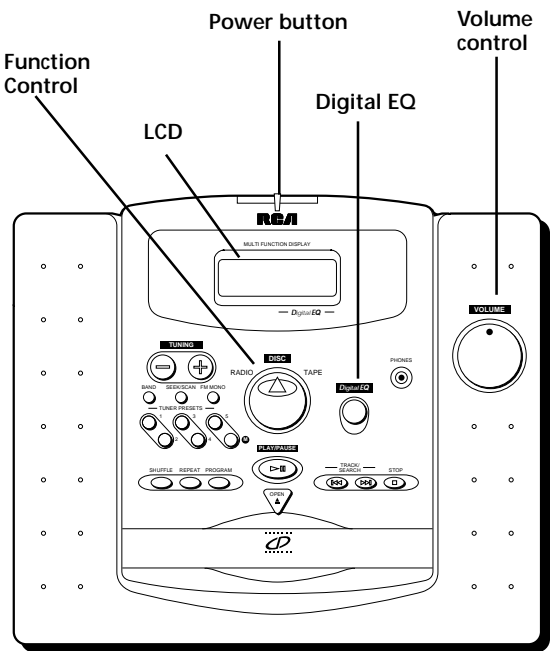
Turn the Function Control knob to choose the function you want to use RADIO, DISC, or TAPE. Your selection is reflected in the LCD.

VOLUME

Turn the VOLUME dial to increase or decrease the volume.

DIGITAL EQ

The Digital EQ button controls the electronic equalizer settings. The LCD always shows the current EQ setting. Press the button until the setting you want (ROCK, JAZZ, VOCAL, or FLAT) appears in the display.



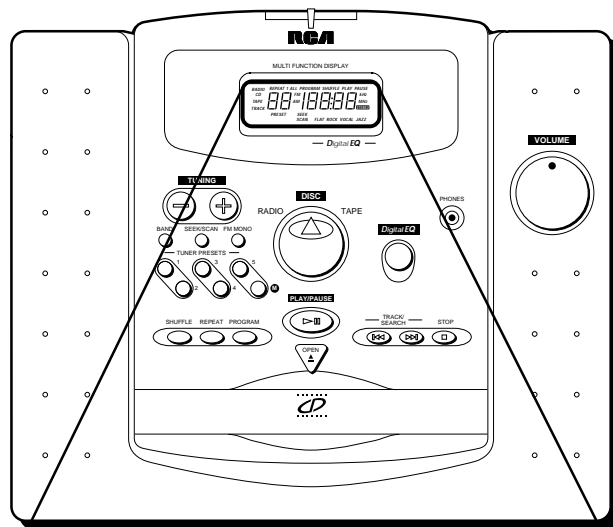
THE LCD (LIQUID CRYSTAL DISPLAY)

When the power is on, the LCD tells you what’s going on with your system.

LCD MESSAGES

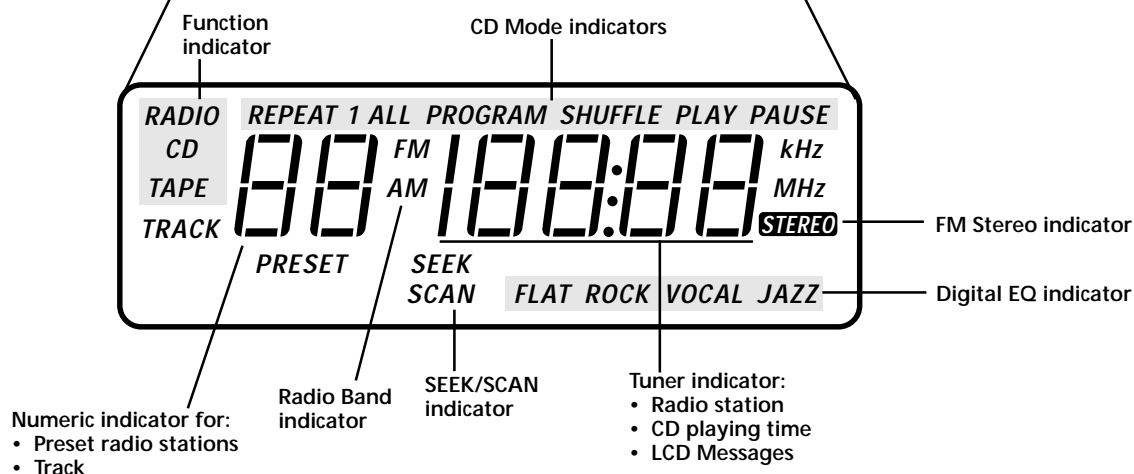
The following LCD messages appear tell you what the CD player is doing:

Message	Meaning
cd	CD function is active
dr in	CD drawer is in.
dr out	CD drawer is out.
no disc	No disc is in the tray.
-- Pr:01	No tracks are programmed (applies to Program mode).
Pr Full	Program is full (applies to Program mode). This is displayed for three seconds when the last track is programmed.
rEAd	Reading disc’s table of contents (how many track it has and the total time for the disc). This information is displayed in Stop mode.



Don't Worry...It Won't Bite

So you think the LCD looks intimidating. Don't worry, you won't see all of this stuff at the same time—you'll only see what you need to see.



The following list of LCD information is presented in alphabetical order, and corresponds to the items in the preceding graphic.

CD Mode Indicators. Shows the current CD function mode.

Digital EQ Indicator. Shows which preset option you have chosen (ROCK, JAZZ, VOCAL, or FLAT).

FM Stereo Indicator. Is displayed when you are receiving FM stations in stereo. (Note that the station must be broadcasting in stereo as well.)

Function Indicator. Shows the current function (RADIO, CD, or TAPE).

Number Indicator. Depending on the current mode, shows the preset number for radio stations, or the track number of a CD.

Radio Band Indicator. Shows the current radio band .

SEEK/SCAN Indicator. SEEK or SCAN is displayed depending on which method of radio tuning you are using.

Tuner Indicator. Shows information such as the radio station frequency, the CD playing time, and LCD messages.

USING THE RADIO

Not only does the digital tuner help you tune in radio stations more easily, it also lets you preset as many as five AM and five FM radio stations for easy access.

TUNING IN RADIO STATIONS

After you choose the radio feature by turning the Function Control knob to RADIO, you can do the following:

- Press the BAND button to change the radio band to AM or FM.
- Press the TUNING buttons to change the radio station.
- Press and quickly release the SEEK/SCAN button to turn on the **Seek** feature, which locates the next station.
- Press and momentarily hold the SEEK/SCAN button before releasing it to turn on the **Scan** feature which searches for stations. When a station is found, the Scan feature allows you to listen for about 3 seconds, and then moves to the next station. When you find a station you like, press the SEEK/SCAN button again to choose that station.
- Press the FM/MONO button to listen to FM stations in either mono or stereo (STEREO appears in the display when listening to FM stereo).

Note that AM stations are broadcast in mono only, and that the FM radio station must be transmitting in stereo for you to receive it in stereo.

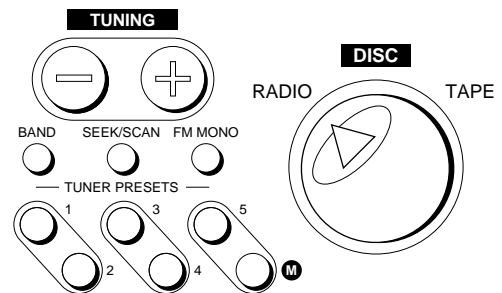
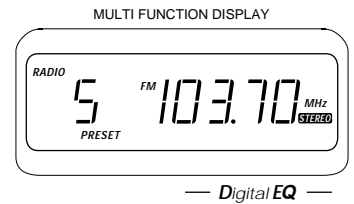
STORING RADIO STATIONS IN MEMORY

Preset up to five AM and five FM stations for easy access.

1. Choose the radio band and station.
2. Press the Memory button(M). The PRESET indicator and the station frequency blink in the LCD.
3. Press one of the five PRESET buttons to store the radio station frequency in that preset location.

RECALLING PRESET STATIONS

1. Choose the radio band (AM or FM).
2. Press the appropriate TUNER PRESETS button (the PRESET number appears in the LCD).



Playing Hide and Seek

Sometimes the Seek and Scan features might not locate an available station because the it's signal is not strong enough. So, if you know the frequency of the station your looking for, you might want to use the TUNING buttons instead.

Weak Reception?

If the reception of an FM station transmitting in stereo is weak, the STEREO indicator might fade in and out. Adjusting the FM whip antenna can help. If not, changing from FM Stereo to FM Mono might improve reception, just remember that you'll no longer be listening in stereo.

USING THE CD PLAYER

Combined with features such as Shuffle, Repeat, and Programmed play, you have lots of options for playing CDs.

KNOWING YOUR BUTTONS

The following buttons are used for basic CD operation:

PLAY/PAUSE (▶||) — This button works as a toggle switch: press to begin play and to pause play.

TRACK/SEARCH (◀◀ and ▶▶)

- In **Stop mode**— Moves you to the beginning of the preceding or following track.
- In **Play or Pause mode** — Press and release to move to the beginning of the preceding or following track. Press and hold to search within a track.

Stop ■ — Stops play.

LOADING AND PLAYING DISCS

1. Press the **OPEN ▲** button to open the CD drawer.
2. Place a CD into the tray.
3. Press the **OPEN ▲** button again to close the CD drawer.
4. Press **PLAY/PAUSE (▶||)** to begin play.
5. Press **STOP (■)** to stop disc play.

The current track number and the elapsed time for a track appears in the LCD while the track is playing.

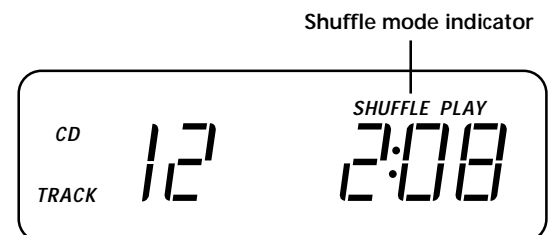
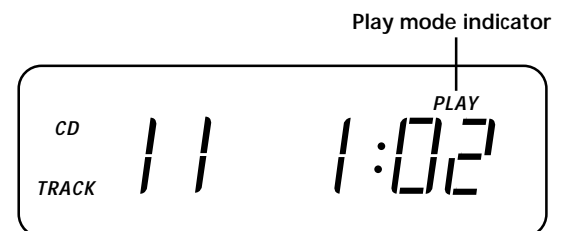
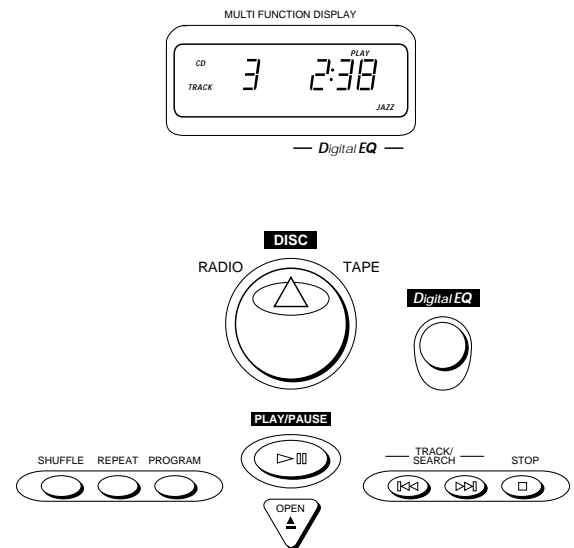
SHUFFLING PLAY ORDER

Turning on the Shuffle feature causes the tracks to play in a random order.

- Press the **SHUFFLE** button to start random track play. (The Shuffle mode indicator appears in the display while the feature is active.)
- Press the **SHUFFLE** button a second time to turn off the feature.

Look for this Logo

You can play 3" and 5" compact discs that have this logo.



You Can't Shuffle a Program

The Shuffle feature is not available during Program mode.

REPEATING PLAY ORDER

Use the REPEAT button to repeat one track or an entire disc.

- Press the REPEAT button once to repeat the current track (REPEAT 1 appears in the LCD).
- Press REPEAT a second time to repeat all tracks (REPEAT ALL appears in the LCD).
- Press REPEAT a third time to turn off the feature.

PROGRAMMING PLAY ORDER

1. Press the PROGRAM button to enter Program mode.
 - - - Pr:01 appears in the LCD indicating that this is first programmed track.
2. Press TRACK/SEARCH ◀◀ or ▶▶ to choose a track. (PROGRAM begins flashing in the display.)
3. Press PROGRAM to save the track in the program memory. (PROGRAM stops flashing in the display.)
4. Repeat steps 2-4 above to program up to 20 tracks.
 - **Pr Full** appears in the display for three seconds when the program is full; then the first program is displayed.
6. Press PLAY/PAUSE (▶||) to begin programmed play.

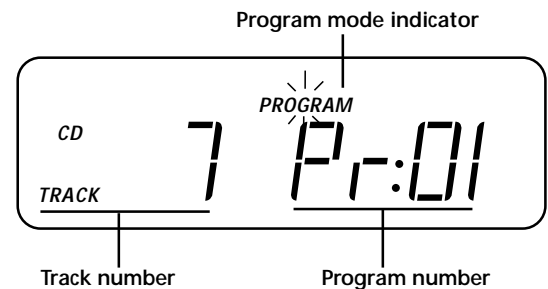
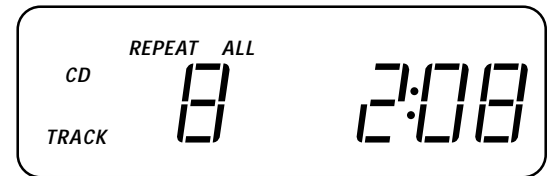
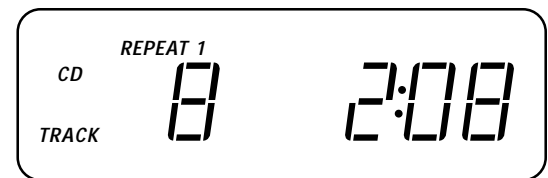
EDITING THE PROGRAM

To edit a program, the unit must be stopped, and in Program mode.

1. Press PROGRAM to move to the next program number until you get to the programmed track you want to change (Program 01 in the example to the right).
2. Press TRACK/SEARCH ◀◀ or ▶▶ to choose a track (10 in the example to the right).
3. Press PROGRAM to change the current programmed track to the one you just selected.

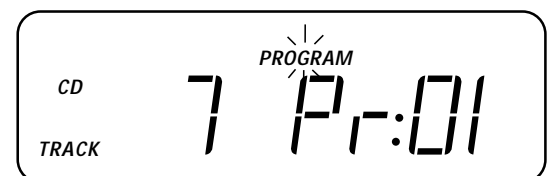
CLEARING THE PROGRAM

Cutting off the power to the unit is one way to clear the program memory; or you can exit Program mode by pressing STOP (■) while stopped in Program mode.

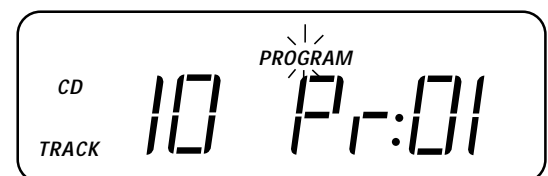


What's Program Mode?

Programming tracks puts you into Program mode ("PROGRAM" appears at the top of the LCD). In this mode, you can program tracks, edit the program, or you can play tracks you've already programmed. To exit program mode, you need to press STOP (■) while no tracks are being played or paused (in other words only PROGRAM appears in the LCD—like in the examples below.



Track 7 is the first programmed track



Track 10 replaces Track 7 as the first programmed track.

USING THE DUAL CASSETTE DECK

UNDERSTANDING THE BUTTONS

If you know what each button does, it's easy to figure out how to operate the tape decks.

RECORD — Press to record from the radio, CDs, or another tape.

PLAY — Press to play cassettes.

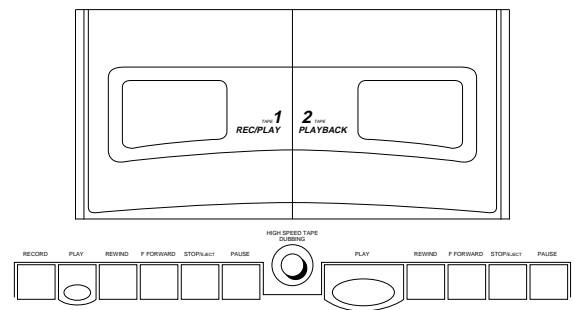
REWIND — From stop mode, press to rewind the tape toward the beginning.

F. FORWARD — From stop mode, press to advance the tape toward the end.

STOP/EJECT — Press to stop current tape activity, or to open the cassette compartment door when no buttons are active.

PAUSE — Press to interrupt tape play or record mode. Press a second time to resume tape play or tape record mode.

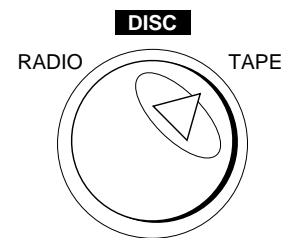
HIGH SPEED TAPE DUBBING — Use to speed up tape-to-tape recording.



PLAYING CASSETTE TAPES

You can play cassettes from either of the two tape decks.

1. Turn the Function Control knob to TAPE.
2. Press STOP/EJECT to open one of the cassette compartment doors.
3. Insert a cassette tape into the door with the top of the tape going in first.
4. Close the door securely.
5. Press REWIND or F. FORWARD to move tape to the desired starting point.
6. Press PLAY to begin playing the tape.



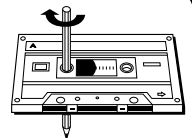
CONTINUOUS TAPE PLAY

1. Turn the Function Control knob to TAPE.
2. Insert a cassette into each tape deck.
3. Press PLAY and then PAUSE on Deck 1.
4. Press PLAY on Deck 2.

When the tape on Deck 2 finishes, the tape in Deck 1 starts automatically.

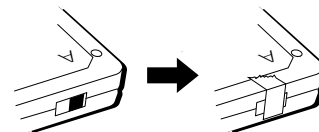
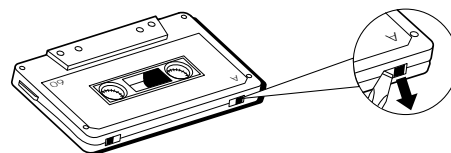
Quit Slacking

A little bit of slack in your tapes can cause scratches on the tape, or worse yet, the tape could break. If you notice some slack in the tape, use a pencil to tighten it up before you insert it.



ERASE PROTECTION

When you record new material, the cassette deck records over whatever is on a tape. To protect a tape from accidental erasure, break off one or both plastic tabs (one for each tape side) on the top of the cassette tape. If you decide later to record on the tape, seal the hold with a piece of cellophane tape.



RECORDING ON CASSETTE TAPES

You can record programs from the radio, CDs, or from another cassette. All you do is to set up the system to use whichever option you choose, and then record it.

RECORDING FROM THE RADIO

1. Insert a cassette tape into the TAPE 1 deck.
2. Choose the RADIO function and select a radio station.
3. Press the RECORD button to begin recording.
4. Press STOP/EJECT to end recording.

RECORDING FROM COMPACT DISCS

1. Insert a cassette tape into the TAPE 1 deck.
2. Choose the DISC function.
3. Insert the compact disc to be recorded. You can start with any track on a disc (or you can create a program to record).
4. Press PLAY/PAUSE (▶||) on the CD player twice (to begin and pause disc play).
5. Press the RECORD button on the cassette deck to begin recording.
6. Press PLAY/PAUSE (▶||) on the CD player.

RECORDING FROM ANOTHER CASSETTE

Two speed options are available for recording cassette tapes. Use the HIGH SPEED TAPE DUBBING button to activate high speed dubbing of tapes.

1. Select the TAPE function.
2. Insert the pre-recorded tape you want to dub into the TAPE 2 deck, and set it to the point in the tape at which you want the recording to begin; then press both the PLAY and PAUSE buttons.
3. Insert a blank tape into the TAPE 1 deck; then press both the RECORD and PAUSE buttons.
4. Press PAUSE on both decks at the same time to begin recording.

Don't Infringe on Copyrights

This product is capable of substantial uses that do not constitute infringement under the Copyright Laws. It is sold only for such uses, and it should not be used to infringe the copyrights of others.

We're on the Level

The built-in Automatic Level Control automatically sets the input level for optimum recording sound. You can listen to, and even adjust the volume setting without affecting the quality of the recording.

Pause for a Moment

Using the PAUSE || button on the cassette deck instead of the STOP button to momentarily interrupt recording gives you a much cleaner sounding recording when you play it back later.

CARE AND MAINTENANCE

CLEANING THE EXTERIOR

- Disconnect the system from AC power before cleaning the exterior of the unit with a soft dust cloth.

HANDLING COMPACT DISCS

- Do not touch the signal surfaces. Hold by the edges, or by one edge and the hole.
- Do not affix labels or adhesive tape to the label surfaces. Also, do not scratch or damage the label.
- Discs rotate at high speeds inside the player. Do not use damaged (cracked or warped) discs.

CLEANING COMPACT DISCS

- Dirty discs can cause poor sound quality. Always keep discs clean by wiping them gently with a soft cloth from the inner edge toward the outer perimeter.
- If a disc becomes dirty, wet a soft cloth in water, wring it out well, wipe the dirt away gently, and then remove any water drops with a dry cloth.
- Do not use record cleaning sprays or anti-static agents on discs. Also, never clean discs with benzene, thinner, or other volatile solvents which may cause damage to the disc surface.

TAPE CARE

- Don't expose tapes to sunlight or store in hot places. High temperatures may warp the shell or damage the tape itself.
- Keep cassettes in their boxes when not in use.
- Cassette tapes can be erased by magnetic fields produced by magnets, electric motors, electrical transformers, and other devices. Keep tapes away from magnets and magnetic fields.

CLEANING THE TAPE HEADS

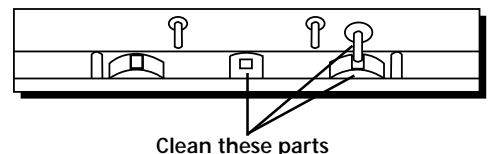
Iron oxide particles from the magnetic tape can build up on the parts that come in contact with the tape. These deposits can cause incomplete erasure, muffled playback sound, and might prevent automatic stop.

To clean a cassette tape, open the compartment door, push the PLAY button and gently clean the heads, capstan, and pinch wheel with a head cleaner.

Always unplug the power cord before cleaning, and allow 30 minutes drying time when using a liquid cleaner.

Clean heads after every 25 hours of use.

- Demagnetize the head occasionally with a head demagnetizing cassette (available from many audio equipment stores).
- Never use any metal objects on or near the tape heads. Do not allow any cleaning material to fall into the tape assembly.



TROUBLESHOOTING TIPS

<i>Problem</i>	<i>Solution</i>
System doesn't turn on	<ul style="list-style-type: none"> • Make sure power cord is securely plugged into the AC power outlet (or that the batteries are fresh). • Unplug the unit for a moment, and then plug it back in. • Check the outlet by plugging in another device.
No sound	<ul style="list-style-type: none"> • Adjust volume setting. • Check for proper connection of speaker wires. • Make sure you've selected the correct function: DISC, TAPE, or RADIO
Poor radio reception	<ul style="list-style-type: none"> • Adjust the FM whip antenna for better FM reception . • Rotate the unit to achieve better AM reception. • Try turning off electrical appliances near the unit, such as hair dryers, vacuum cleaners, or fluorescent lights.
CD doesn't play	<ul style="list-style-type: none"> • Make sure the tray contains a disc. • Make sure that disc's label is facing up. • Make sure that Pause mode is not activated. • Make sure DISC function is selected.
CD sound skips	<ul style="list-style-type: none"> • Clean the disc (as explained in "Care and Maintenance"). • Check disc for warping, scratches, or other damage. • Check for vibration or shock that may affect the unit; move system if necessary.
Distorted or noisy recordings	<ul style="list-style-type: none"> • Inspect the recording head and clean it if necessary. • Demagnetize recording head (as explained in "Care and Maintenance").

INDEX






A

AC Power 2
Antennas 2

B

BAND button 5
Battery installation 2

C

Cassette Deck Buttons
F. FORWARD 8
HIGH SPEED TAPE DUB-
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PAUSE 8
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

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ONE-YEAR LIMITED WARRANTY

What does your warranty cover?

- Any defect in material or workmanship.

For how long after the original purchase?

- One year.
- The warranty for rental units begins with the first rental.

What will we do?

- Provide you with a new, or at our option, a refurbished unit.
- The exchange unit is warranted for the remainder of your product's original one-year warranty period.

How do you make a warranty claim?

- Properly pack your unit. Include any cables, etc., which were originally provided with the product.
- Include a copy of the sales receipt or other evidence of date of original purchase. If the unit was a gift, provide a statement specifying the date received. Also, print your name and address, and a description of the defect.
- Ship the unit standard UPS or its equivalent to:
Thomson Consumer Electronics, Inc.
Product Exchange Center
32 Spur Drive
El Paso, Texas 79906
- Pay any charges billed to you by the Exchange Center for service not covered by the warranty.
- A new or refurbished unit will be shipped to you prepaid freight.

What does your warranty not cover?

- Customer instruction. Your Use and Care Guide provides information regarding the operating instructions and user controls. For additional information, ask your dealer.
- Installation and set-up service adjustments
- Batteries
- Damage from misuse or neglect
- Products that have been modified or incorporated into other products.
- Product purchased or serviced outside the USA
- Acts of God, such as but not limited to lightning damage.

How does state law relate to this warranty?

- This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

What if you purchased your product outside of the United States?

- This warranty does not apply. Contact your dealer for details.

Thomson Consumer Electronics, Inc.